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(54) **INTRAOCULAR LENS**

(56)

References Cited

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(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 72 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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(52) **U.S. Cl.** **623/6.18; 623/6.18; 623/6.42; 623/6.56**

(58) **Field of Search** 523/113, 212, 523/213; 623/6.18, 6.52, 6.53, 6.54, 6.56, 6.42

U.S. PATENT DOCUMENTS

3,284,406 A	11/1966	Nelson
3,341,490 A	9/1967	Burdick
3,457,214 A	7/1969	Modic
3,992,355 A	11/1976	Itoh et al.
3,996,187 A	12/1976	Travnicek
3,996,189 A	12/1976	Travnicek
3,996,935 A	12/1976	Banko
4,092,743 A	6/1978	Kelman
4,189,546 A	2/1980	Deichert et al.

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

CA	1273144	8/1990
EP	0110537	6/1984
EP	0186634	8/1985

(List continued on next page.)

OTHER PUBLICATIONS

Grabow, Ocular Surgery News, Chapter 3, pp. 66-77, V.8, No. 21 (Nov. 1990).
Chiron Ophthalmics, 1991.

(List continued on next page.)

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ABSTRACT

An intraocular lens for implantation in an eye comprising an optic configured so that the optic can be deformed to permit the intraocular lens to be passed through an incision into the eye. A peripheral zone circumscribes the optical zone of the optic and one or more fixation members coupled to the peripheral zone and extending outwardly from the peripheral zone to retain the optic in the eye are provided. In one embodiment the fixation member or members are located so that the optical zone is free of such member or members. The peripheral zone preferably has a maximum axial thickness which is larger than the maximum axial thickness of the periphery of the optical zone.

5 Claims, 3 Drawing Sheets

